

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
22 September 2005 (22.09.2005)

PCT

(10) International Publication Number  
**WO 2005/088255 A1**

(51) International Patent Classification<sup>7</sup>: **G01C 21/36**,  
G08G 1/0969

(21) International Application Number:  
PCT/GB2005/000977

(22) International Filing Date: 15 March 2005 (15.03.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
0405795.6 15 March 2004 (15.03.2004) GB  
0405797.2 15 March 2004 (15.03.2004) GB

(71) Applicant (for all designated States except US): **TOM-  
TOM B.V.** [NL/NL]; Rembrandtplein 35, NL-1017 CT  
Amsterdam (NL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **GRETTON, Mark**  
[GB/GB]; TomTom B.V., 5 Huntsworth Mews, London

NW1 6DE (GB). **MAYER, Michiel** [NL/NL]; TomTom  
B.V., Rembrandtplein 35, 1017 CT Amsterdam (NL).  
**NICOLAAS, Dion** [NL/—]; TomTom B.V., Rembrandt-  
plein 35, 1017 CT Amsterdam (NL).

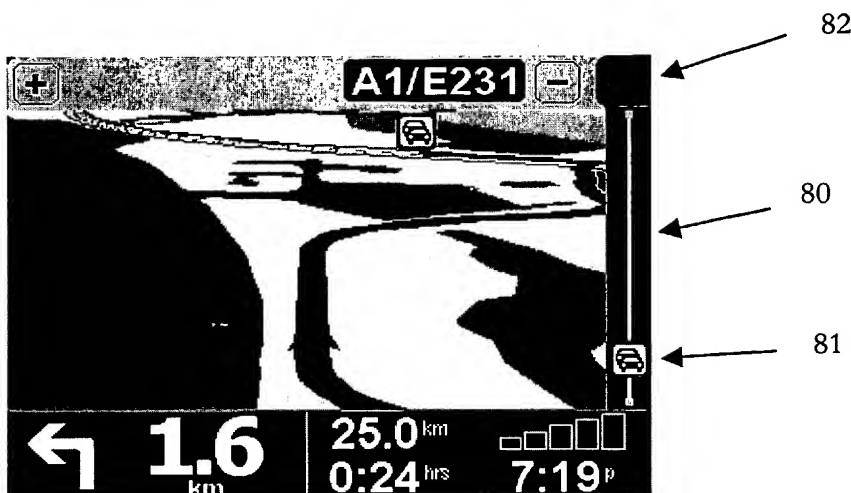
(74) Agent: **ORIGIN LIMITED**; 52 Muswell Hill Road, Lon-  
don N10 3JR (GB).

(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ,  
TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA,  
ZM, ZW.

(84) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,  
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

[Continued on next page]

(54) Title: NAVIGATION DEVICE DISPLAYING DYNAMIC TRAVEL INFORMATION



(57) Abstract: An in-car navigation device depicts dynamic travel information (congestion, weather, etc.) in the context of a schematic display of the actual roads that the information relates to. In one implementation, the schematic view is a linear representation of the route and that schematic linear representation is displayed at the same time but separate from a map of a 2-D or 3-D representation of the actual road being traveled along the current location of the device on that road. The device can send a request to a remote server over a wireless communication network for dynamic travel information relevant to a defined route and receive and display that information.

WO 2005/088255 A1



European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Published:**

— with international search report

— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.